

Remarks

Claims 1-11 are pending. By this Amendment, claims 1 and 8 have been amended. No new matter is believed added. Reconsideration and allowance are requested in view of the above amendments and the following remarks.

Claims 1-11 are rejected under 35 U.S.C. §102(e) over Bhandari (US 6,400,217 B1). This rejection is defective because Bhandari fails to teach each and every feature of the present invention as required by 35 U.S.C. §102(e).

Claim 1 recites:

“A tunable radio frequency (RF) band-pass filter provided with field effect (FET) capacitors arranged for controlling their respective capacity values, each such FET capacitor having a source (S) and a drain (D), characterised in that the source (S) and the drain (D) of each FET capacitor are coupled to one another, the tunable RF band-pass filter including an arrangement for tuning the tunable RF band-pass filter by selectively controlling the voltage dependent capacitor values of the FET capacitors, the tunable RF band-pass filter transforming an RF input impedance at a filter input to an RF output impedance at a filter output.”

Regarding claim 1, Bhandari fails to disclose, *inter alia*, a “tunable radio frequency (RF) band-pass filter,” “an arrangement for tuning the tunable RF band-pass filter by selectively controlling the voltage dependent capacitor values of the FET capacitors,” and “the tunable RF band-pass filter transforming an RF input impedance at a filter input to an RF output impedance at a filter output.” On the contrary, Bhandari discloses an integrated circuit including a low-pass (LPF) filter having switched capacitors for adjusting a corner frequency of the low-pass filter

(col. 4, lines 47-51).

Accordingly, because Bhandari fails to teach each and every feature of claim 1, Applicant respectfully submits that claim 1 is allowable.

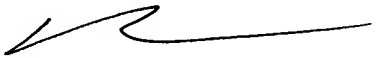
Claims 2-11 depend from independent claim 1, and are, therefore, patentable for at least the reasons set forth above.

Accordingly, Applicant respectfully submits that claims 1-11 are in condition for allowance.

If the Examiner believes that anything further is necessary to place the application in condition for allowance, the Examiner is requested to contact Applicant's undersigned attorney at the telephone number listed below.

Respectfully submitted,

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